

The twelve varieties of potatoes which have produced the heaviest crops, taking the average of the results obtained at all the experimental farms, are the following :—

	Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.
1. Irish Daisy	376 ..	7. Seedling No. 230.	328 44
2. Clarke's No. 1.	367 42	8. American Wonder	328 32
3. Seedling No. 7.	365 55	9. New Variety No. 1.	326 40
4. Northern Spy	354 26	10. Early Puritan	326 ..
5. Bayes' Rose	340 56	11. Brownell's Winner	315 21
6. Lee's Favourite	336 34	12. State of Maine	314 7

An average crop of 340 bushels 5 lbs. per acre.

The average crop of all the varieties of potatoes tested at each of the experimental farms was as follows: At Ottawa, 259 bush. 17 lbs. per acre; Nappan, 295 bush. 8 lbs.; Brandon, 171 bush. 30 lbs.; Indian Head, 230 bush. 55 lbs., and at Agassiz, 366 bush. 55 lbs. The average return given by the whole of the varieties at all the farms was 265 bushels 58 lbs. per acre.

AVERAGE CROPS FOR THE PAST THREE YEARS.

The results of experimental tests of varieties of grain to gain information as to their relative productiveness and usefulness, are much more reliable as a guide to the selection of the best sorts when the average experience of several years can be given. For the last three years a similar series of test plots to those reported in this bulletin has been conducted under conditions as nearly uniform as it has been possible to secure. The average of the crops obtained are herewith presented.

THREE YEARS' EXPERIENCE WITH VARIETIES OF OATS.

The twelve varieties of oats which have averaged the heaviest crops at the several experimental farms during the past three years are the following :—

CENTRAL EXPERIMENTAL FARM, OTTAWA.

	Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.
1. Banner	68 30	7. Golden Giant	63 15
2. Golden Beauty	65 15	8. American Beauty	62 12
3. American Triumph	65 13	9. White Schonen	61 28
4. Columbus	65 12	10. Improved Ligowo	61 18
5. White Russian	65 ..	11. Bavarian	59 22
6. Abundance	63 23	12. Wallis	58 23

An average yield of 63 bushels 15 lbs. per acre.

EXPERIMENTAL FARM FOR THE MARITIME PROVINCES, NAPPAN, N.S.

	Per Acre. Bush. Lbs.		Per Acre. Bush. Lbs.
1. Wallis	74 31	7. Golden Beauty	69 7
2. White Russian	73 31	8. Early Blossom	68 23
3. Banner	71 13	9. American Beauty	68 21
4. California Prolific Black	70 7	10. Abyssinia	67 15
5. Columbus	70 ..	11. White Schonen	67 9
6. Early Gothland	69 13	12. Improved Ligowo	65 17

An average yield of 69 bushels 24 lbs. per acre.